

Raja muthuramalingam Thangavelu

List of Publications by Year in descending order

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497
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanobiotechnology approach using plant rooting hormone synthesized silver nanoparticle as “nanobullets” for the dynamic applications in horticulture “ An in vitro and ex vitro study. Arabian Journal of Chemistry, 2018, 11, 48-61.	4.9	51
2	Fabrication of virus metal hybrid nanomaterials: An ideal reference for bio semiconductor. Arabian Journal of Chemistry, 2020, 13, 2750-2765.	4.9	43
3	Highly responsive glutathione functionalized green AuNP probe for precise colorimetric detection of Cd ²⁺ contamination in the environment. RSC Advances, 2015, 5, 69124-69133.	3.6	37
4	Preparation, characterization and application of antibody-conjugated magnetic nanoparticles in the purification of begomovirus. RSC Advances, 2015, 5, 99820-99831.	3.6	32
5	Bioactive bile salt-capped silver nanoparticles activity against destructive plant pathogenic fungi through in vitro system. RSC Advances, 2015, 5, 71174-71182.	3.6	31
6	DNA templated self-assembly of gold nanoparticle clusters in the colorimetric detection of plant viral DNA using a gold nanoparticle conjugated bifunctional oligonucleotide probe. RSC Advances, 2016, 6, 11773-11785.	3.6	31
7	Gold nanoparticles assisted characterization of amine functionalized polystyrene multiwell plate and glass slide surfaces. Applied Nanoscience (Switzerland), 2015, 5, 39-50.	3.1	22
8	Scanometric Detection of Tomato Leaf Curl New Delhi Viral DNA Using Mono- and Bifunctional AuNP-Conjugated Oligonucleotide Probes. ACS Omega, 2019, 4, 10094-10107.	3.5	18
9	Ultrasensitive nano-gold labelled, duplex lateral flow immunochromatographic assay for early detection of sugarcane mosaic viruses. Scientific Reports, 2022, 12, 4144.	3.3	17
10	First Report of Tomato Leaf Curl New Delhi Virus Infecting <i>Crossandra infundibuliformis</i> in India. Plant Disease, 2020, 104, 999.	1.4	11
11	Effect of Deoxycholate Capped Silver Nanoparticles in Seed Dormancy Breaking of <i>Withania somnifera</i> . Current Science, 2019, 116, 952.	0.8	9
12	Synthesis and characterization of biocompatible acetaminophen stabilized gold nanoparticles. Materials Research Express, 2019, 6, 095043.	1.6	5
13	Developing a Programmable, Self-Assembling Squash Leaf Curl China Virus (SLCCNV) Capsid Proteins into “Nanocargo”-like Architecture. ACS Applied Bio Materials, 2018, 1, 1741-1757.	4.6	4